

IPW

Patent  
Attorney's Docket No. H1102C

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of	)	
	)	
Shibly S. Ahmed et al.	)	Group Art Unit: 1756
	)	
Application No.: 10/720,166	)	Examiner: Unassigned
	)	
Filed: November 25, 2003	)	
	)	
For: DOUBLE GATE	)	
SEMICONDUCTOR DEVICE	)	
HAVING A METAL GATE	)	

**INFORMATION DISCLOSURE STATEMENT**  
**TRANSMITTAL LETTER**

U.S. Patent and Trademark Office  
2011 South Clark Place  
Customer Window, Mail Stop Amendment  
Crystal Plaza Two, Lobby, Room 1B03  
Arlington, Virginia 22202

Sir:

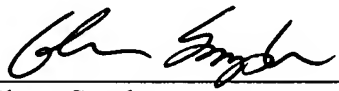
Enclosed is an Information Disclosure Statement and accompanying form PTO-1449 for the above-identified patent application.

- ☒ No additional fee for submission of the IDS is required.
- ☐ The fee of \$180.00 as set forth in 37 C.F.R. § 1.17(p) is also enclosed.
- ☐ A certification under 37 C.F.R. § 1.97(e) is also enclosed.
- ☐ Charge \$ \_\_\_\_\_ to Deposit Account No. 50-1070 for the fee due.
- ☐ A check in the amount of \$ \_\_\_\_\_ is enclosed for the fee due.

The Commissioner is hereby authorized to charge any other appropriate fees that may be required by this paper that are not accounted for above, and to credit any overpayment, to Deposit Account No. 50-1070.

Respectfully submitted,

HARRITY & SNYDER, L.L.P.

By:   
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CUSTOMER NUMBER: 26615

Date: May 26, 2004



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**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)**

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Crystal Plaza Two, Lobby, Room 1B03  
Arlington, Virginia 22202

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicant(s) bring to the attention of the Examiner the documents listed on the attached PTO 1449. This Information Disclosure Statement is being filed before the mailing date of a first Office Action in the above-referenced application. As such, no certification or fee is required. Copies of the listed documents that are not U.S. patents or U.S. patent publications are attached.

Applicant(s) respectfully request(s) that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

If any copending application(s) is/are cited on the attached PTO 1449, the Examiner's attention is directed to the foregoing application(s) in compliance with § 2001.06(b) of the Manual of Patent Examining Procedure. By identifying the copending application(s), the assignee and/or applicant of the application(s) do not waive confidentiality of the application(s). Accordingly, the U.S. Patent and Trademark Office is requested to maintain the confidentiality of the copending application(s) under 35 U.S.C. § 122.

This submission does not represent that a search has been made and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and Applicant(s) determine(s) that the cited document(s) do not constitute "prior art" under United States law, Applicant(s) reserve(s) the right to present to the Office the relevant facts and law regarding the appropriate status of such documents.

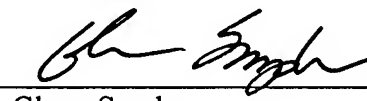
Applicant(s) further reserve(s) the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 50-1070.

Respectfully submitted,

HARRITY & SNYDER, L.L.P.

By: \_\_\_\_\_

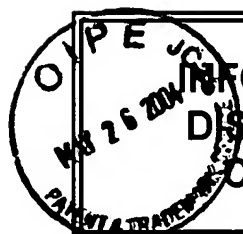


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**INFORMATION  
DISCLOSURE  
CITATION**

PTO-1449

**CUSTOMER  
NUMBER**

26615

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H1102C

 APPLICATION NO.  
10/720,166

 APPLICANT(S)  
Shibly S. Ahmed et al.

 FILING DATE  
November 25, 2003

 GROUP  
1756

**U.S. PATENT DOCUMENTS**

EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
	6,396,108	05/28/02	Krivokapic et al.	257	365	
	5,801,397	09/01/98	Cunningham	257	66	
	6,686,231	02/03/04	Ahmed et al.	438	164	

**FOREIGN PATENT DOCUMENTS**

EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						Yes	No

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**

✓	Stephen H. Tang et al., "Comparison of Short-Channel Effect and Offstate Leakage in Symmetric vs. Asymmetric Double Gate MOSFETs", IEEE International SOI Conference, October 2000, pp. 120-121
	United States Patent Application Publication No. US2002/0153587; publication date October 24, 2002; Adkisson et al.

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).